

EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L4	2	"0109039"	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/06/09 14:52
S1	1	"4510504".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/06/07 15:14
S2	27	Nagamochi-katsuya.in. and toshiba.as.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/06/07 07:53
S4	77	((mark\$3 or imag\$3) near4 (detect\$4 or registrat\$4 or sens\$3)) with ((light or spot) near4 (diameter or size))) and ("347" or "399").clas.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/06/09 08:26
S5	2	(focus\$3 near light near without near lens)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/06/07 08:22
S7	364	(sensor detector photoelectric receiver recorder register) with ((aperture opening hole slit slot space outlet inlet pinhole) same (mark image spot light area) same (area diameter size)) and "347".clas.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/06/07 11:05
S8	2	S7 and ((aperture opening hole slit slot space outlet inlet pinhole) near2 (area diameter size) near2 (less greater) near2 (mark image spot light area) near2 (area diameter size))	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/06/07 11:06
S9	300	(sensor detector photoelectric receiver recorder register) with ((aperture opening hole slit slot space outlet inlet pinhole) same (mark image spot light area) same (area diameter size)) and ("399").clas.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/06/07 11:07
S10	0	S9 and ((aperture opening hole slit slot space outlet inlet pinhole) near2 (area diameter size) near2 (less greater) near2 (mark image spot light area) near2 (area diameter size))	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/06/07 11:06
S11	91	(sensor detector photoelectric receiver recorder register) with ((aperture opening hole slit slot space outlet inlet pinhole) near6 (mark image spot light area) near6 (area diameter size)) and ("399").clas.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/06/07 11:07

EAST Search History

S12	185	mark same registration same sensor and "347".clas.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/06/07 11:16
S13	12	lens same mark same registration same sensor and "347".clas.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/06/07 11:19
S14	0	lensless same mark same registration same sensor and "347".clas.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/06/07 11:20
S15	0	lensless same mark same sensor and "347".clas.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/06/07 11:20
S16	64	lens same mark same sensor and "347".clas. not S13	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/06/07 11:32
S17	2	light near10 focus\$3 near10 lensless	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/06/07 11:34
S18	14	((diameter) near10 (light) near10 ((hole) same (larger) same (spot)))	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/06/07 15:07
S19	1	kakutani-toshihumi.in.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/06/07 15:15
S20	74	Kaji-Hajime.in.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/06/07 15:15
S21	72	Kaji-Hajime.in. and canon.as.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/06/07 15:18
S22	35	Kaji-Hajime.in. and canon.as. and sensor	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/06/07 16:18
S23	112	kataoka-tatsuhito.in.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/06/07 16:18

EAST Search History

S24	105	kataoka-tatsuhito.in. and canon.as.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/06/07 16:19
S25	41	kataoka-tatsuhito.in. and canon.as. and sensor	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/06/07 16:32
S26	148	347/119.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/06/08 13:15
S27	517	347/234,248.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/06/07 16:40
S28	429	S27 and (sens\$3 or detect\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/06/07 16:42
S29	93	S28 and ((diameter or size or area or spot) near light)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/06/07 16:44
S30	10	S28 and ((diameter or size or area or spot) near light) with (hole or aperture or pinhole or slit)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/06/07 16:57
S31	0	(photodiode same read same area) WITH ((LED or (light near emitting near diode)) same illumination)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/06/07 16:58
S32	75	((photodiode or sens\$3 or (light near receiv\$3)) same read\$3 same area) WITH ((LED or (light near emit\$4 near diode)) same illuminat\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/06/07 17:10
S33	5	S32 and ("347" or "399").clas.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/06/07 17:03
S34	78	((photodiode or photosensor or photocell or sens\$3 or (light near receiv\$3)) same read\$3 same area) WITH ((LED or (light near emit\$4 near diode)) same illuminat\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/06/07 17:27

EAST Search History

S35	3	((photodiode or photosensor or photocell or sens\$3 or (light near receiv\$3)) same read\$3 same area) WITH ((LED or (light near emit\$4 near diode)) same illuminat\$3) not S32	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/06/07 17:28
S39	169	(((((image mark) near2 (registration sens\$3 dectect\$3)) and ((imag\$3 or mark\$3 or illumination or light\$3 or detect\$3 or sens\$3 or view\$3 or receiv\$3) near2 (area or diameter or size radius)))) with (reference or registration)) and "347".clas.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/06/08 14:02
S43	188	((align\$4 or registrat\$4 or referenc\$3) with (read\$3 or receiv\$3 or detect\$3 or sens\$3) with (light or spot or area or size or diameter) with (focus or lens)) and "347".clas.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/06/08 15:52
S44	881	(read\$3 same focus\$3 same light\$3) and "347".clas.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/06/08 16:27
S45	26	(irradiation near3 area) same (read near3 area)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/06/09 08:25
S48	29	((light near3 area) same (read near3 area)) and "347".clas.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/06/09 10:32
S50	165	(((\$2radiat\$3 or light\$3 or illuminat\$3) near3 area) same ((read\$3 or detect\$3) near3 area) and "347".clas. not S48	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/06/09 10:54
S51	27	(((\$2radiat\$3 or light\$3 or illuminat\$3) near3 diameter) same ((read\$3 or detect\$3) near3 diameter) and "347".clas. not S48	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/06/09 10:55
S52	274	347/234.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/06/09 13:49
S53	25	(plural\$3 near image\$3) with (belt or transfer or convey) with ((mark or sensor or detector) near (registration or reference))	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/06/09 14:00